

**CLAIMS**

1. An apparatus for releasing a flash device, comprising:
  - a flash unit;
  - a rotation device;
  - a clipping device for locking said flash unit; and
  - a sensor for activating said rotation device.
2. The apparatus of claim 1, wherein said rotation device comprises
  - a driving motor,
  - a driving gear set formed on said driving motor,
  - an axle wheel portion which is connected to said clipping device, and
  - a driven gear set formed on said axle wheel portion.
3. The apparatus of claim 2, wherein said driving motor is a step motor.
4. The apparatus of claim 2, wherein said clipping device comprises
  - a clip connected to said axle wheel portion and a buckle formed on said flash unit.
5. The apparatus of claim 4, wherein said driving motor rotates counterclockwise to move said clip to lock on said buckle by engagement of said driving gear set and said driven gear set.
6. The apparatus of claim 4, wherein said driving motor rotates clockwise to move said clip to release said buckle by engagement of said driving gear set and said driven

gear set.

7. The apparatus of claim 6 further comprising a spring for providing elastic force to pop up said flash unit when said clip releases said buckle.

8. The apparatus of claim 1, wherein said sensor is a light-sensitive sensor.

9. The apparatus of claim 4, further comprising a pusher to obstruct light into said light-sensitive sensor.

10. An apparatus for releasing a flash device, comprising:  
a flash unit having a buckle;  
a driving motor;  
a driving gear set, formed on said driving motor;  
an axle wheel portion having a clip;  
a driven gear set, formed on said axle wheel portion;  
a light-sensitive sensor; and  
a pusher for obstructing light into said light-sensitive sensor,  
wherein when said pusher obstructs light, said light-sensitive sensor activates said driving motor to rotate said clip to lock said buckle by engagement of said driving gear set and said driven gear set.

11. The apparatus of claim 10, wherein said driving motor is a step motor for providing precise rotation.